General Environmental Incident Summary

Incident: 1956 ***Date/Time Notice:*** 6/25/2013 ***DEM Incident No:***

Responsible Party: Nabors Completion & Production Services Co. Willis

Date Incident: **6/24/2013** ***Time Incident:*** 0600 ***Duration:***

County: Mountrail ***Twp:*** 156 ***Rng:*** 93 ***Sec:*** 11 ***Qtr:***

Lat: 48.34242 ***Long:*** -102.60370 ***Method:*** Navigation quality GPS

Location Description: OASIS - Reynolds/Leni
NDIC File #
Leni – 24952
Reynolds – 24951
API #
Leni – 33-061-02410-00-00
Reynolds – 33-061-02409-00-00
Coordinates: 48.34242232, -102.60366429
From Williston:
Head North on Hwy 2 for approx. 61 miles to 93rd.
Turn Left on 93rd
Go 1.9 miles then turn right
Go 1.2 miles and location will be on the left

Submitted By: Ashley Kelly ***Affiliation:***

Address:

City: ***State:*** ***Zip:***

Received By: CO

Contact Person: John Brown
4963 HIGHWAY
Willstion, ND 858801-861

Distance Nearest Occupied Building:

Type of Incident: Tank Overflow

Description of Released Contaminant: **Hydrochloric Acid**

Volume Spilled: ***Ag Related:*** No

EPA Extremely Hazardous Substance: No ***Reported to NRC:*** No

Cause of Incident:

There are two inlets with butterfly valves on the suction side of one of our frac pumps. One inlet was rigged to the chemical blender and the other inlet to the acid transport. When acid needed to be pumped down hole, communication was relayed to the valve attendant who would close the blender valve and open the acid valve and vice versa.
When it was time to run the acid, the valves were turned, but the acid hose was being sucked flat. In order to prevent damage to the pump, the attendant opened the blender valve, but failed to close the acid valve. This allowed for the contents of the blender (WFR-5W and water) to get pushed into the acid transport, causing it to over flow.

Risk Evaluation:

# of Fatalities: 0 ***# of Injuries:*** 0 ***Affected Medium:***

Potential Environmental Impacts:

Since the fluid is now neutral, negative impacts are unlikely.

Action Taken or Planned:

The area was contained with absorbent socks and pads and then was neutralized with Sodium Bicabonate. Several samples were taken and the results are as follows:
Locations where samples were taken fromPH of WaterPercentage of Acid in Water
Location of sample taken unknown (Sample 1)1800hrsPH: 7.15Acid Percentage .005%
Location of sample taken unknown (Sample 2)1800hrsPH: 7.30Acid Percentage .005%
Front of the Acid Transport (Sample 3)1935hrsPH: 7.65Acid Percentage .005%
Under the Acid Transport (Sample 4)1930hrsPH: 7.35Acid Percentage .005%
Under the Gel Transport (Sample 5)2245hrsPH: 7.81Acid Percentage .01%
Back of Precool (Sample 6)0220hrsPH: 7.14Acid Percentage .01%
Between Blender and HP#8 (Sample 7)0235hrsPH: 8.06Acid Percentage .005%
Between Precool and Work Tanks (Sample 8)0230hrsPH: 8.1Acid Percentage .005%

Wastes Disposal Location:

Agencies Involved:

Updates

Date: 6/25/2013 ***Status:*** Reviewed; O&G Lead ***Staff:*** Roberts, Kris

Updated Volume:

Notes:

This incident, although it does not appear to fit the definition of an E&P exempt material, but appears to have been on an Oasis Well site, falls within the Oil and Gas Division jurisdiction. Report referred to Dave Hvinden.